

# ARNOLD & PORTER LLP



January 14, 2005

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Washington, DC 20004-1206

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application No. 09/754,853

Filed: January 5, 2001

Title: **Nucleic Acid Molecules and Other Molecules Associated  
with Soybean Cyst Nematode Resistance**

Applicants: Brian M. HAUGE *et al.*

Atty. Docket No.: 16517.187

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office (USPTO):

1. Supplemental Information Disclosure Statement (1 page);
2. Supplemental Form PTO-1449 (2 pages) with ten (10) accompanying references; and
3. Return postcard.

Please stamp the postcard with the filing date of these documents and return it to our courier.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. Applicants do not believe any fees are due in conjunction with this filing. However, if any fees are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387, referencing matter number 16517.187. A duplicate copy of this letter is enclosed.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)  
Rachel L. Adams (Reg. No. 54,660)

Attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Brian M. HAUGE *et al.*

Group Art Unit: 1638

Appn. No.: 09/754,853

Examiner: David H. KRUSE

Filed: January 5, 2001

Atty. Docket: 16517.187

Title: Nucleic Acid Molecules and Other  
Molecules Associated with Soybean  
Cyst Nematode Resistance

Confirm. No.: 4137

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The attention of the Examiner is invited to the documents listed on the attached Supplemental Form PTO-1449. Copies of the listed documents are submitted herewith.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

**CERTIFICATION AND/OR FEE**

Because this Supplemental Information Disclosure Statement is being submitted prior to issuance of the first action on the merits of the above-captioned application, no certification or fee is required.

Respectfully submitted,

David R. Marsh (Reg. No. 41,408)  
Rachel L. Adams (Reg. No. 54,660)

Date: January 14, 2005

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**SUPPLEMENTAL  
FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT**

JAN 14 2003

ATTY. DOCKET NO.	APPLICATION NO.
16517.187	09/754,853
APPLICANTS	
Brian M. HAUGE <i>et al.</i>	
FILING DATE	GROUP
January 5, 2001	1638

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1						
	AB1						
	AC1						
	AD1						
	AE1						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AF1						Yes No
	AG1						Yes No
	AH1						Yes No
	AI1						Yes No
	AJ1						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AK	1	Bell-Johnson <i>et al.</i> , "Biotechnology Approaches to Improving Resistance to SCN and SDS: Methods for High Throughput Marker Assisted Selection", <i>Soybean Genetics Newsletter</i> , 25:115-117 (1998)
	AL	1	Boutin <i>et al.</i> , "RFLP Analysis of Cyst Nematode Resistance in Soybeans", <i>Soybean Genetics Newsletter</i> , 19:123-127 (1992)
	AM	1	Chang <i>et al.</i> , "Association of Loci Underlying Field Resistance to Soybean Sudden Death Syndrome (SDS) and Cyst Nematode (SCN) Race 3", <i>Crop Sci.</i> , 37(3):965-971 (1997)
	AN	1	Concibido <i>et al.</i> , "DNA Marker Analysis of Loci Underlying Resistance to Soybean Cyst Nematode ( <i>Heterodera Glycines Ichinohe</i> )", <i>Crop Sci.</i> , 34(1):240-246 (1994)
	AO	1	Concibido <i>et al.</i> , "Genome Mapping of Soybean Cyst Nematode Resistance Genes in 'Peking', PI 90763, and PI 88788 Using DNA Markers", <i>Crop Sci.</i> , 37(1):258-264 (1997)
	AP	1	Concibido <i>et al.</i> , "RFLP Mapping of Cyst Nematode Resistance Genes in Soybeans", <i>Soybean Genetics Newsletter</i> , 20:136-139 (1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<b>SUPPLEMENTAL FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO.	APPLICATION NO.
		16517.187	09/754,853
		APPLICANTS	
		Brian M. HAUGE <i>et al.</i>	
<b>FILING DATE</b> January 5, 2001		GROUP	1638

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2						
	AB2						
	AC2						
	AD2						
	AE2						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AF2						Yes No
	AG2						Yes No
	AH2						Yes No
	AI2						Yes No
	AJ2						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AK	2	Mahalingam <i>et al.</i> , "Cytological Expression of Early Response to Infection by <i>Heterodera Glycines Ichinohe</i> in Resistant PI 437654 Soybean", <i>Genome</i> , 39:986-998 (1996)
AL	2	Mahalingam <i>et al.</i> , "DNA Markers for Resistance to <i>Heterodera Glycines I</i> . Race 3 in Soybean Cultivar Peking", <i>Breeding Science</i> , 45:435-443 (1995)
AM	2	Meksem <i>et al.</i> , "A High-Resolution Map of the Vicinity of the R1 Locus on Chromosome V of Potato Based on RFLP and AFLP Markers", <i>Mol Gen Genet</i> , 249:74-81 (1995)
AN	2	Webb <i>et al.</i> , "Genetic Mapping of Soybean Cyst Nematode Race-3 Resistance LOCI in the Soybean PI 437.654", <i>Theor Appl Genet</i> , 91(1):574-581 (1995)
AO	2	
AP	2	

EXAMINER	DATE CONSIDERED

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